10074648.021202

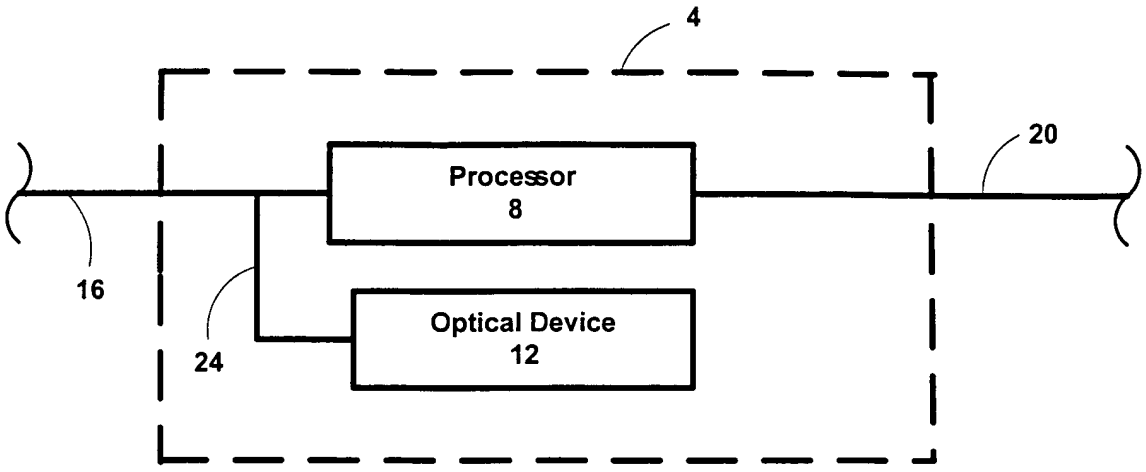

Fig. 1A
(Prior Art)

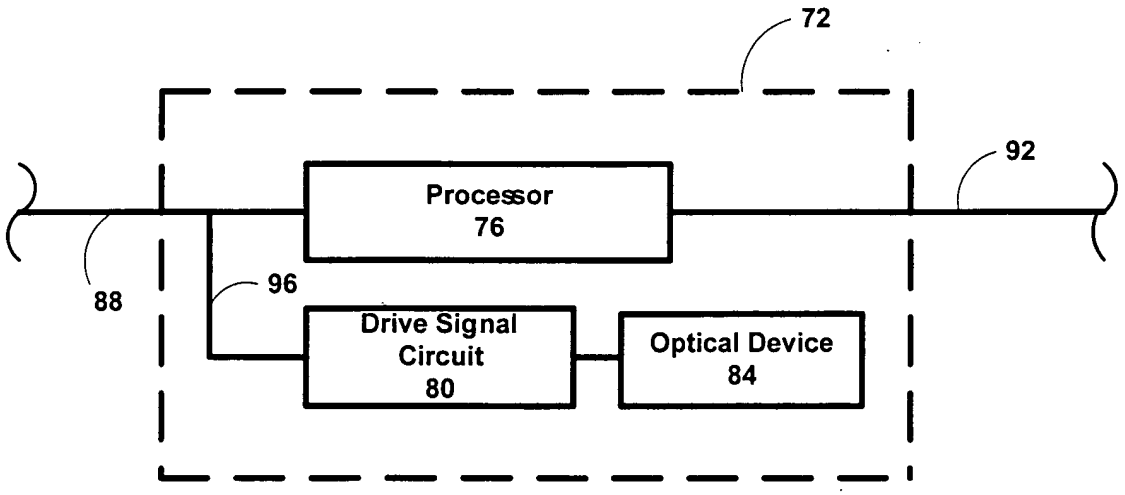

Fig. 4

20070402.0234 - 09/449,207

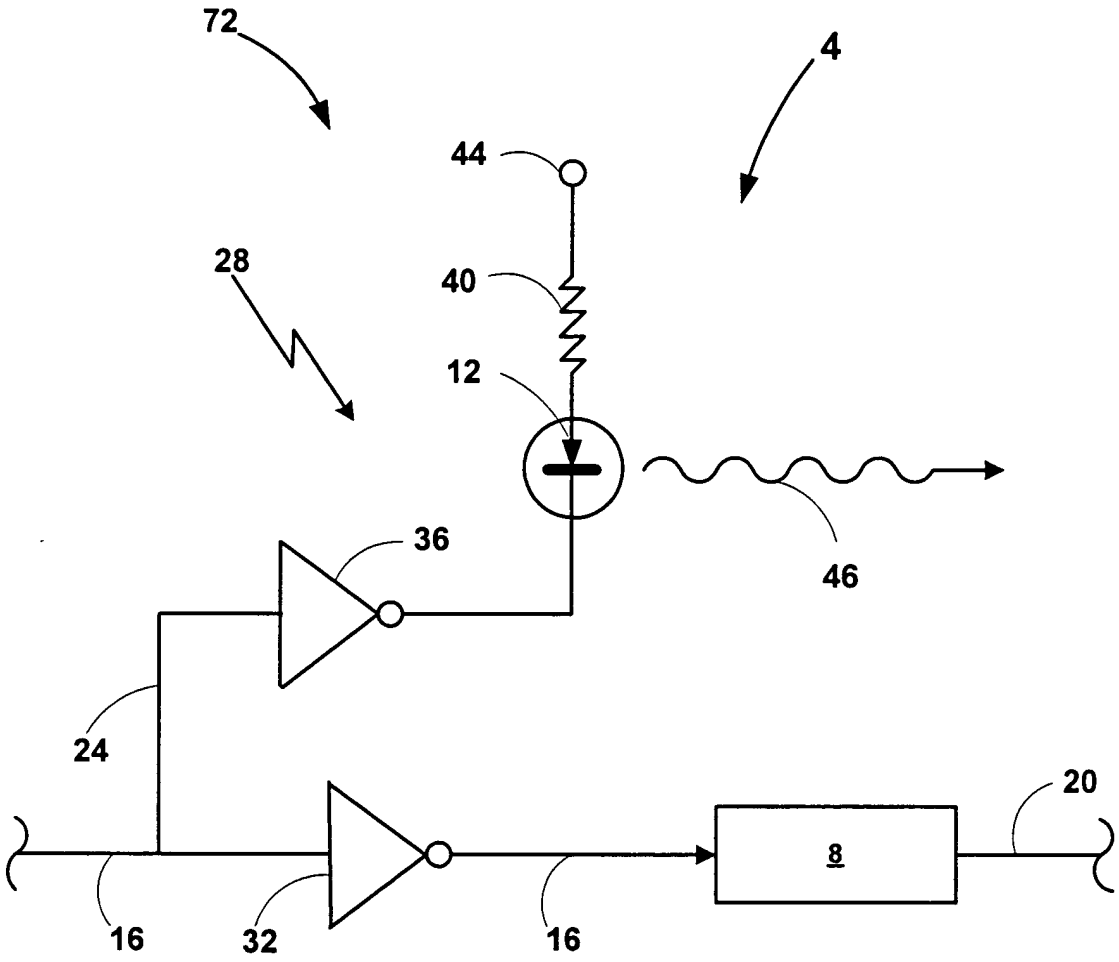

Fig. 1B
(Prior Art)

EP 0 746 368 B1

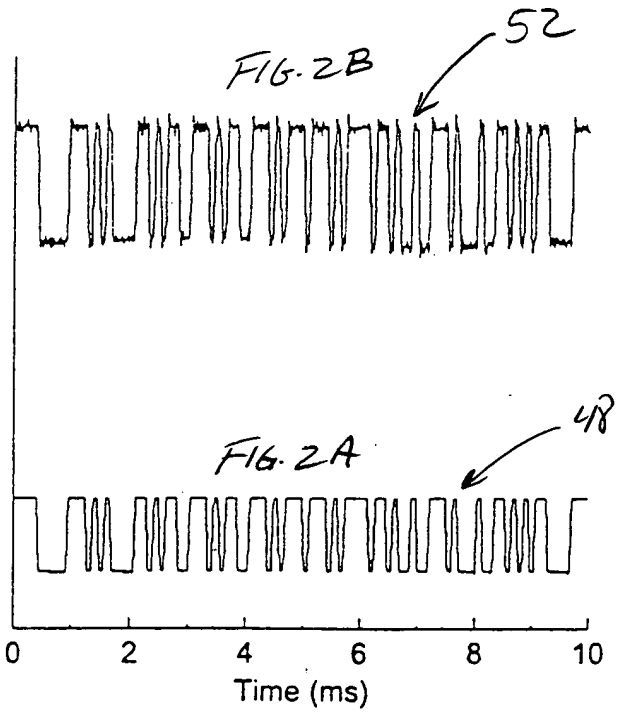

FIG. 2B

FIG. 2A

Doc 4 of 8 Pages 02/12/2004

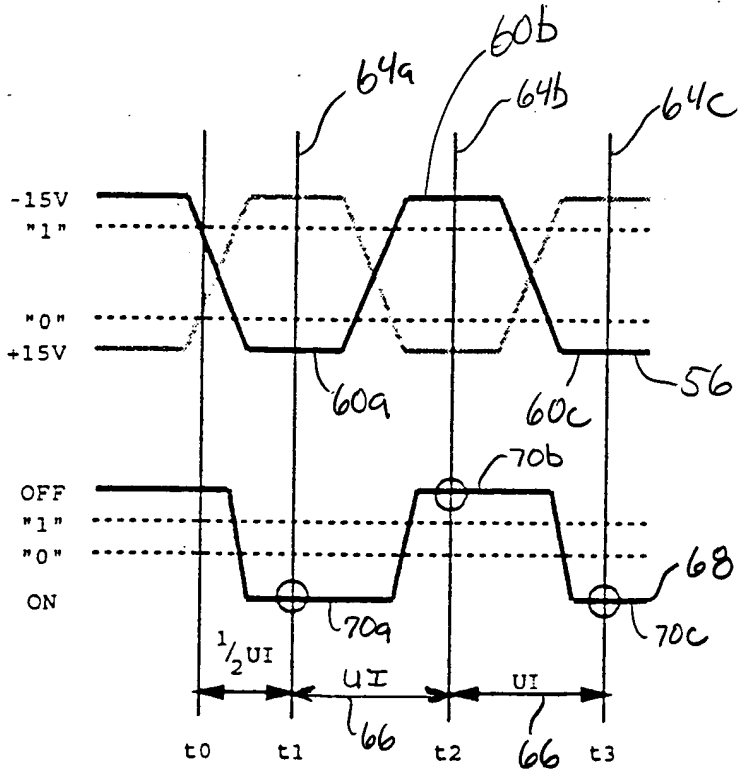

FIG. 3

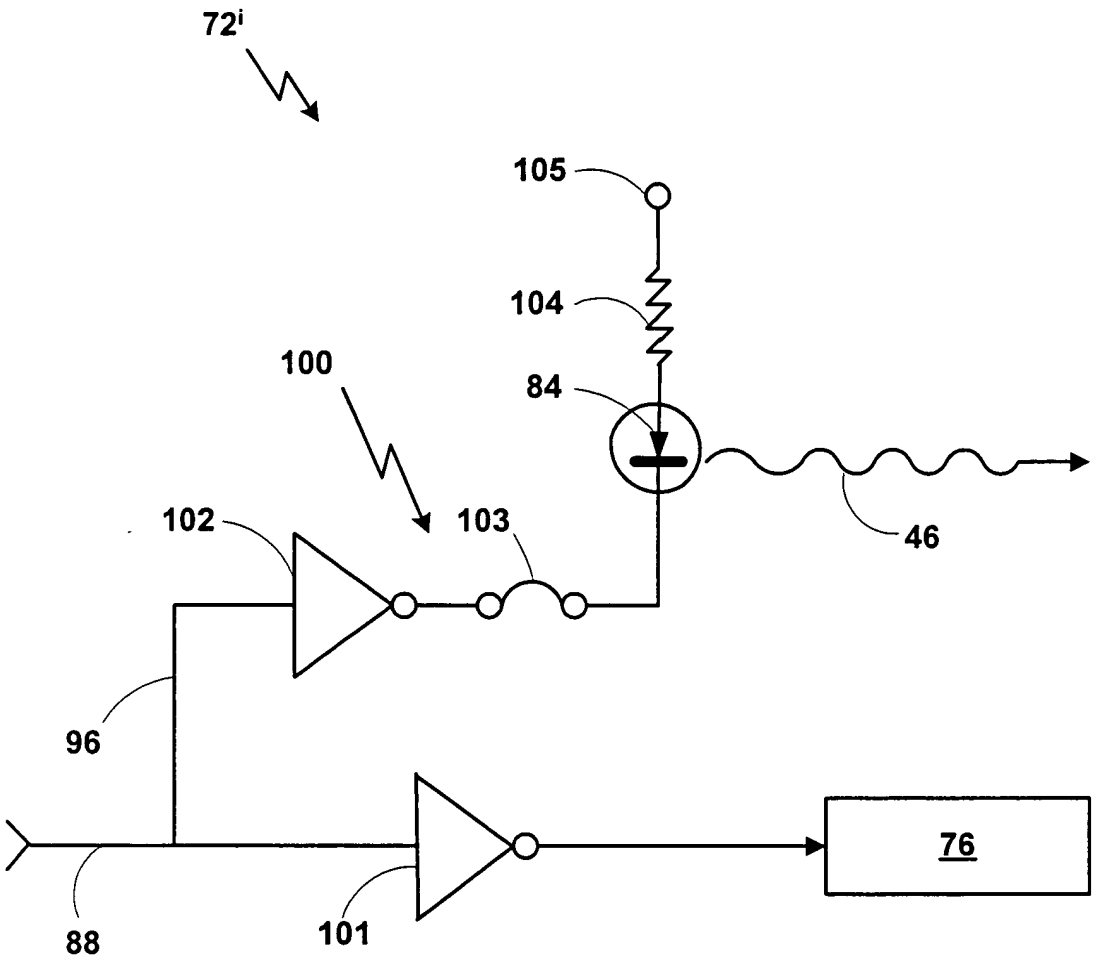

Fig. 5

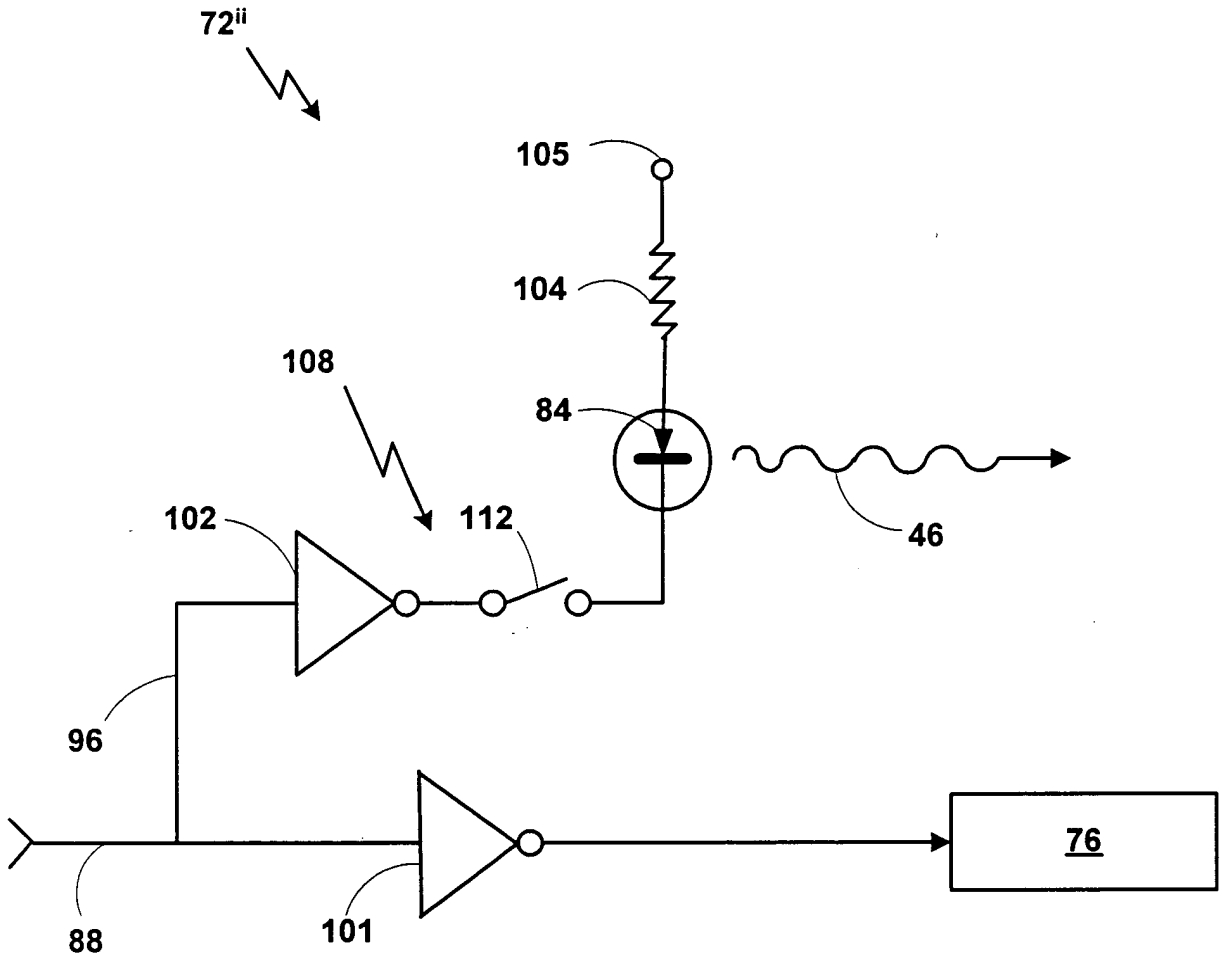

Fig. 6

EDS-5468-0242

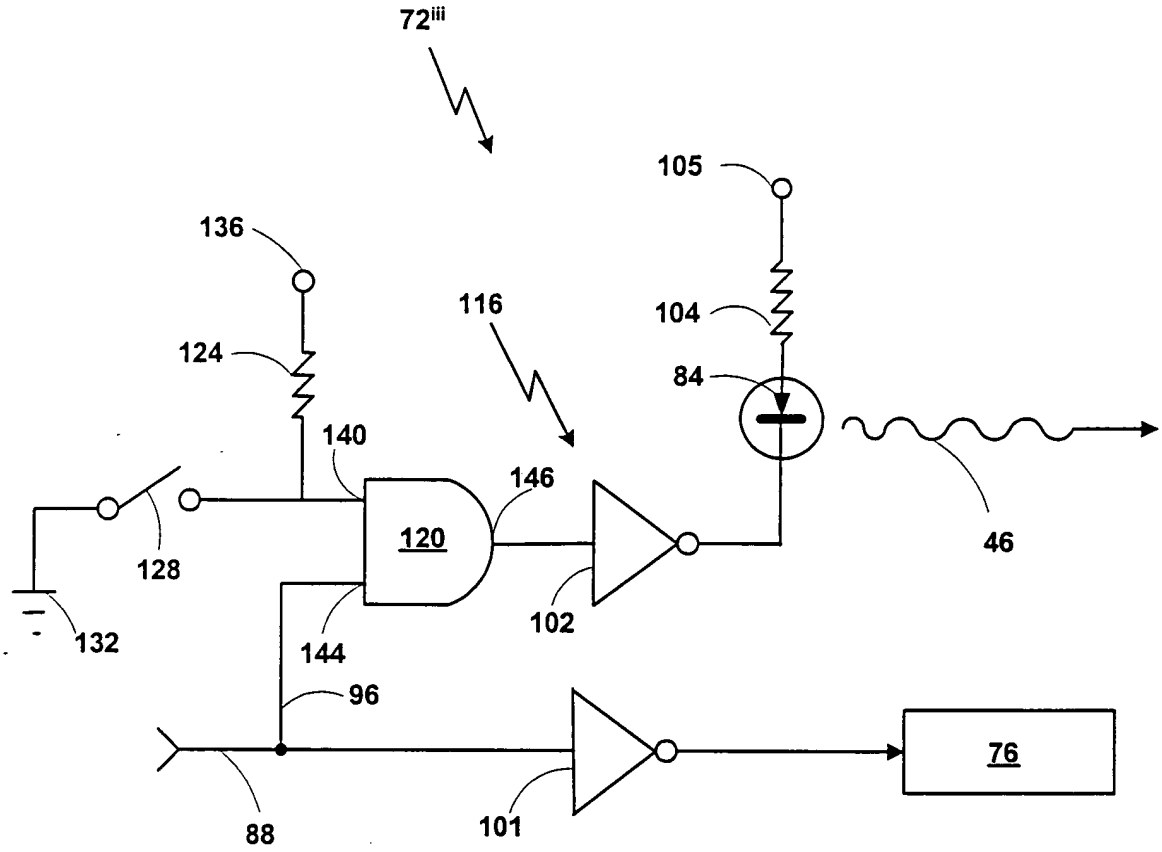

Fig. 7

20052120-041904.0T

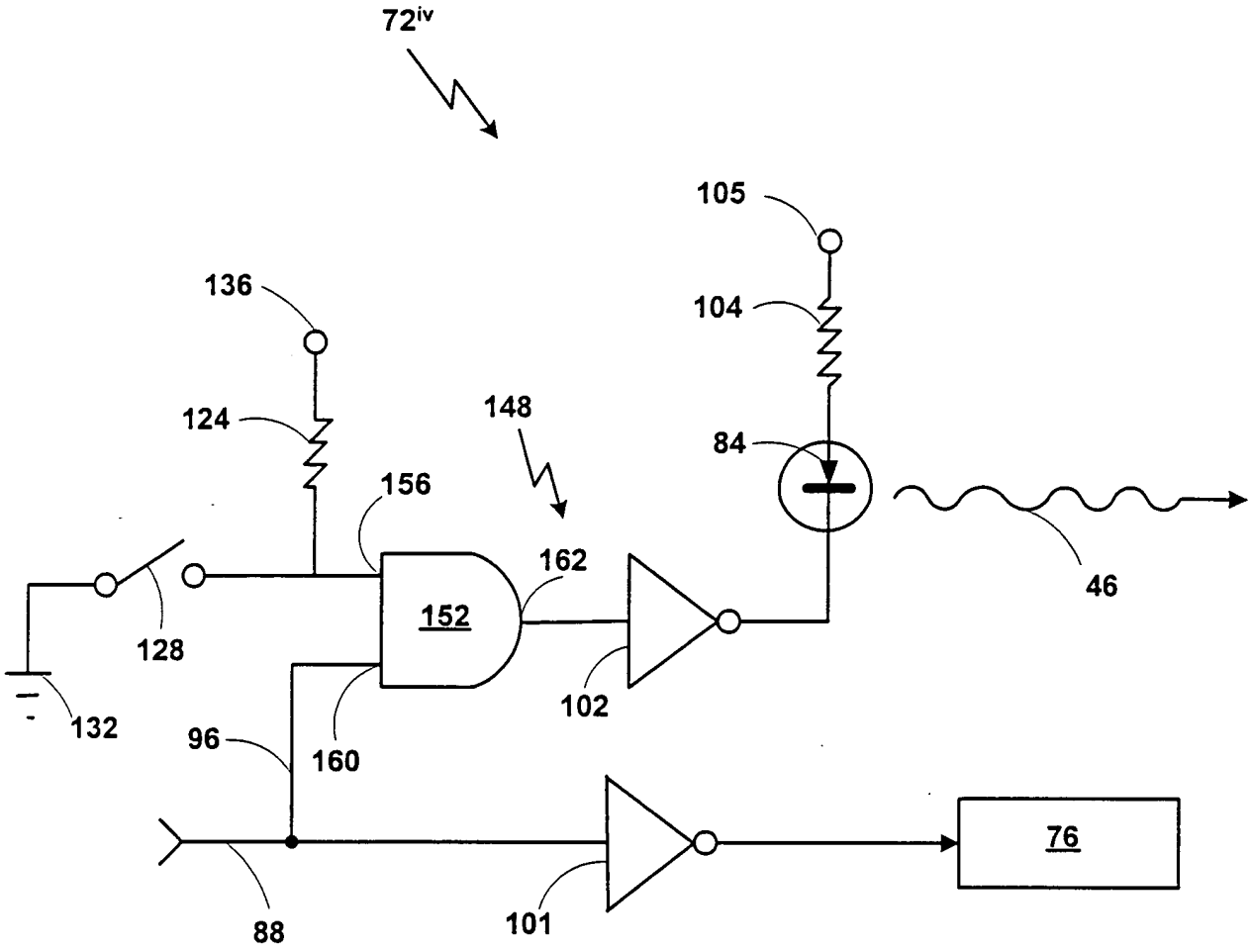

Fig. 8

JP05749820A2 19820320

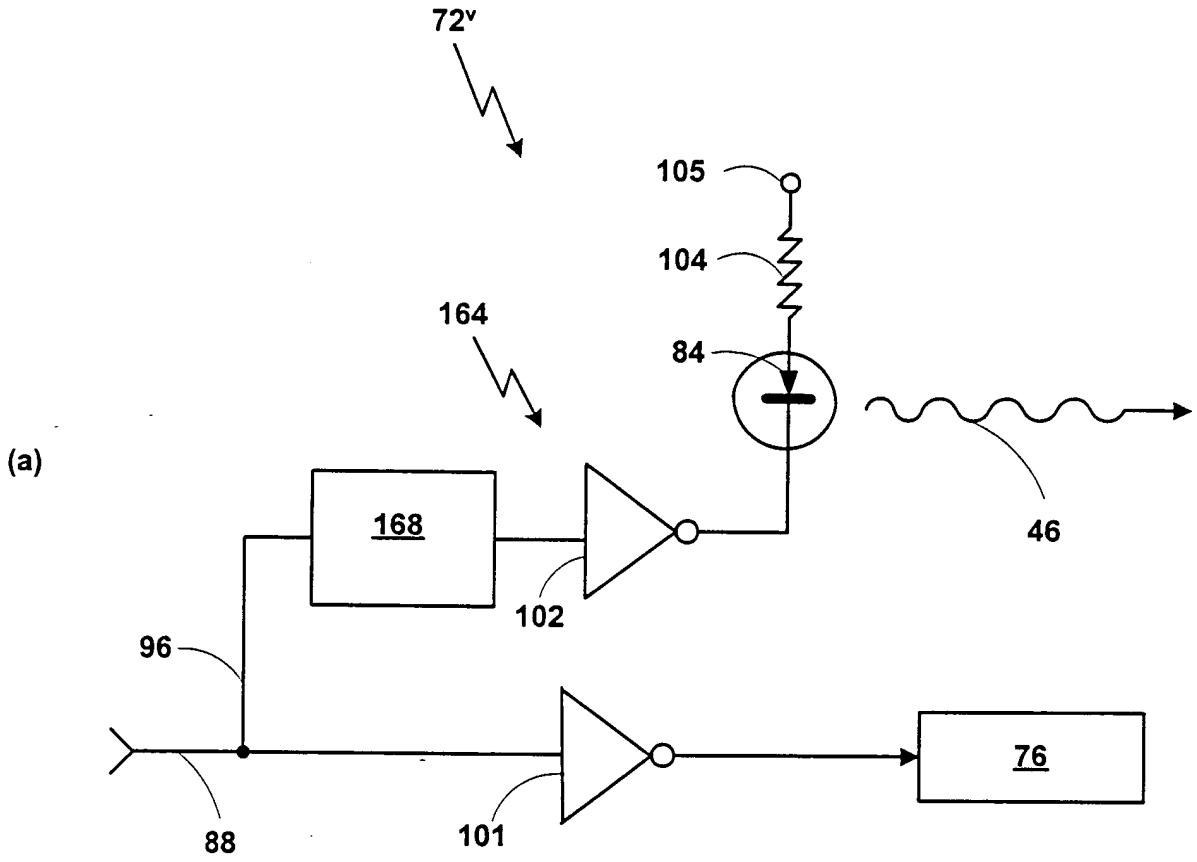

Fig. 9

09/745,448 - 021202

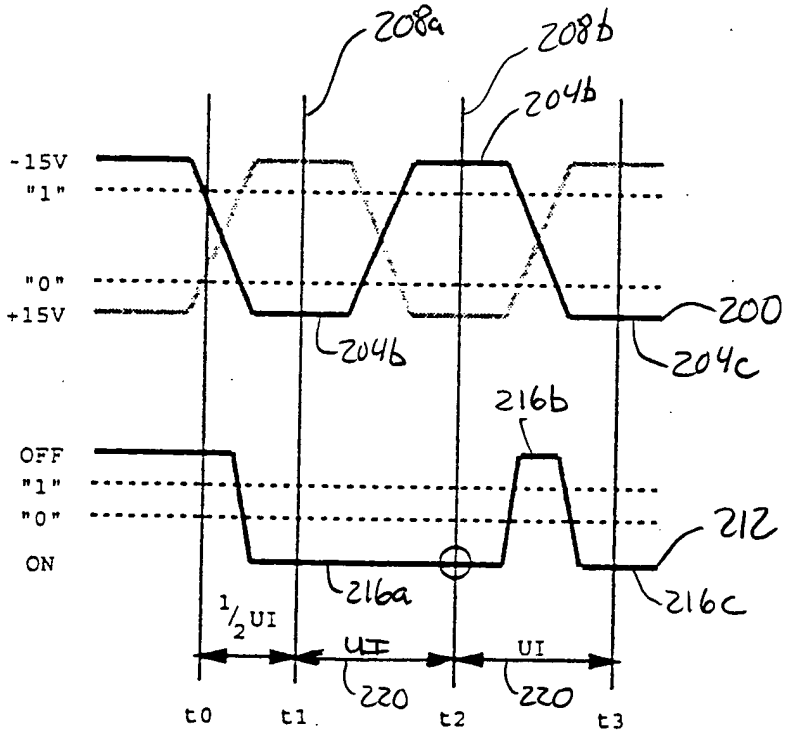

FIG. 10

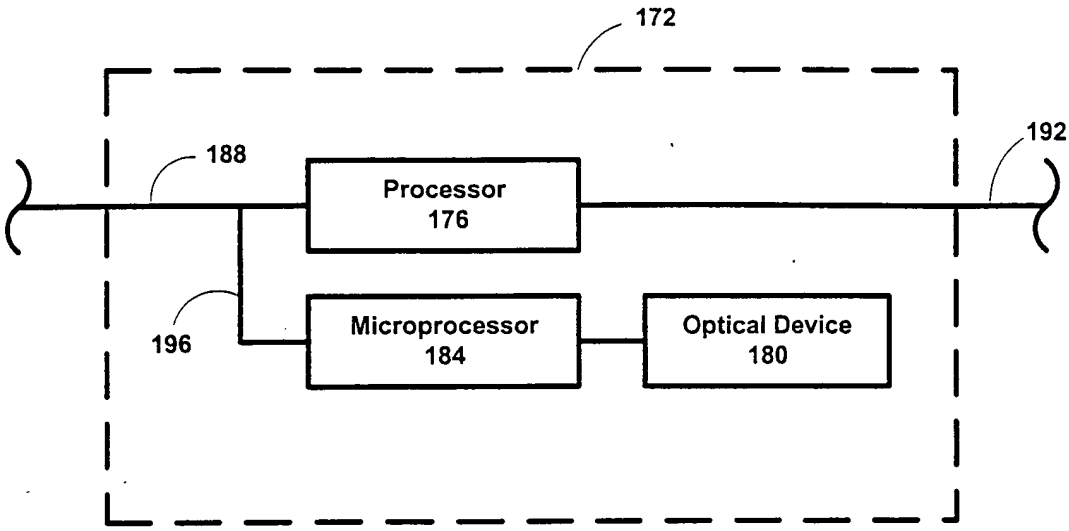
172
188
192
Processor
176
196
Microprocessor
184
Optical Device
180

Fig. 11

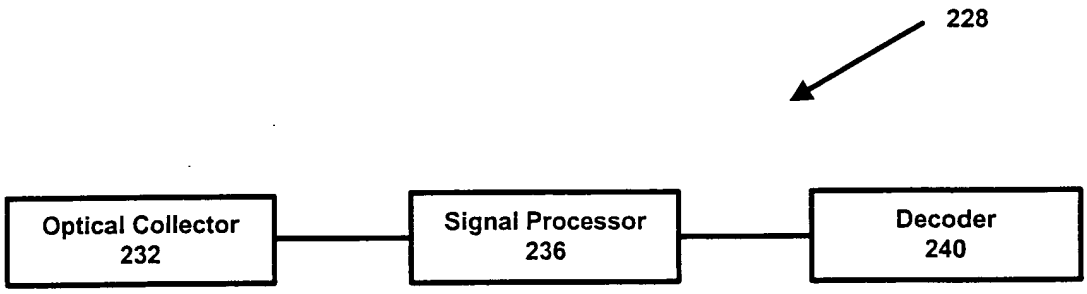
228
Optical Collector
232
Signal Processor
236
Decoder
240

Fig. 12

7009484B.02620

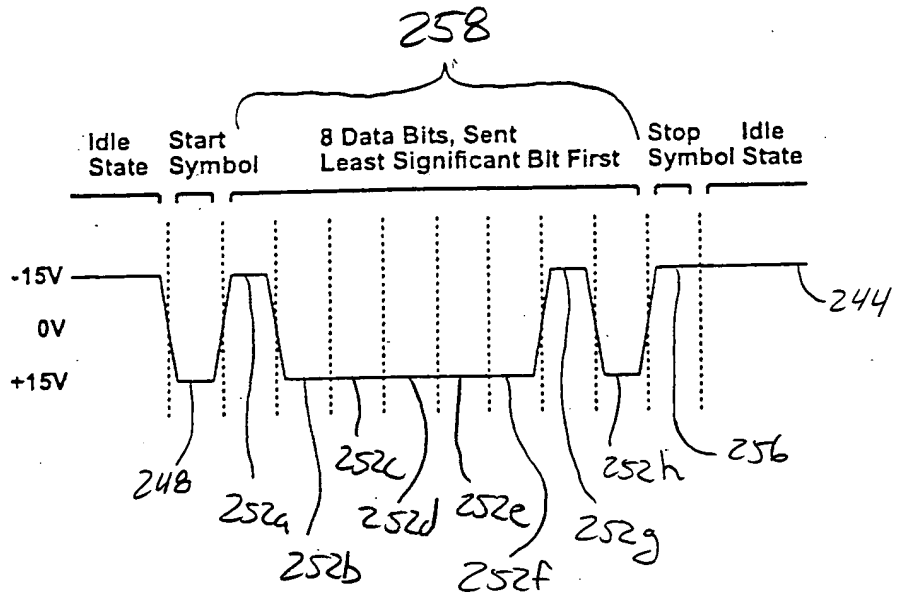

FIG. 13

20070245324

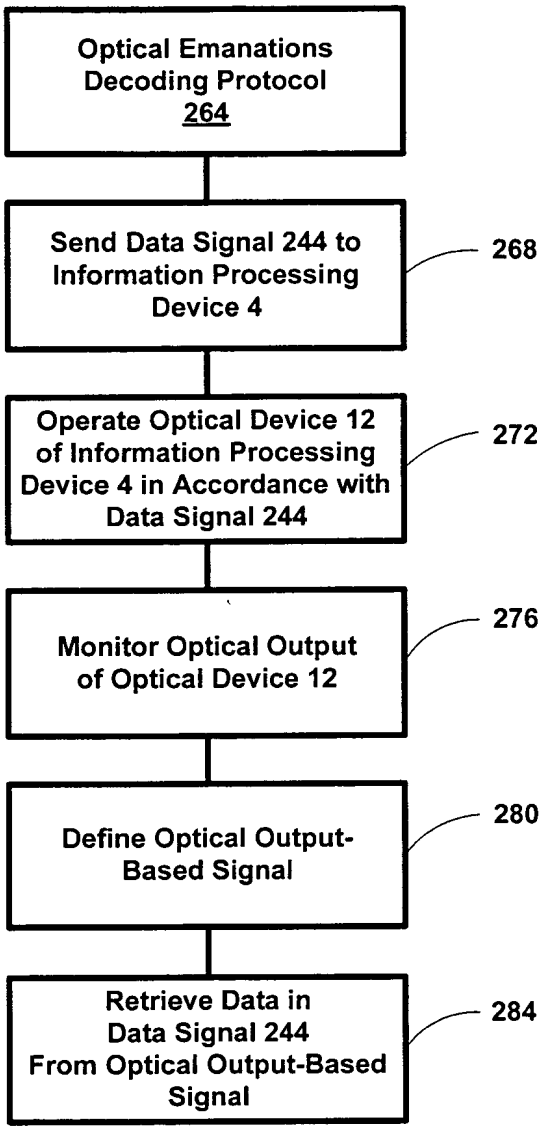

Fig. 14A

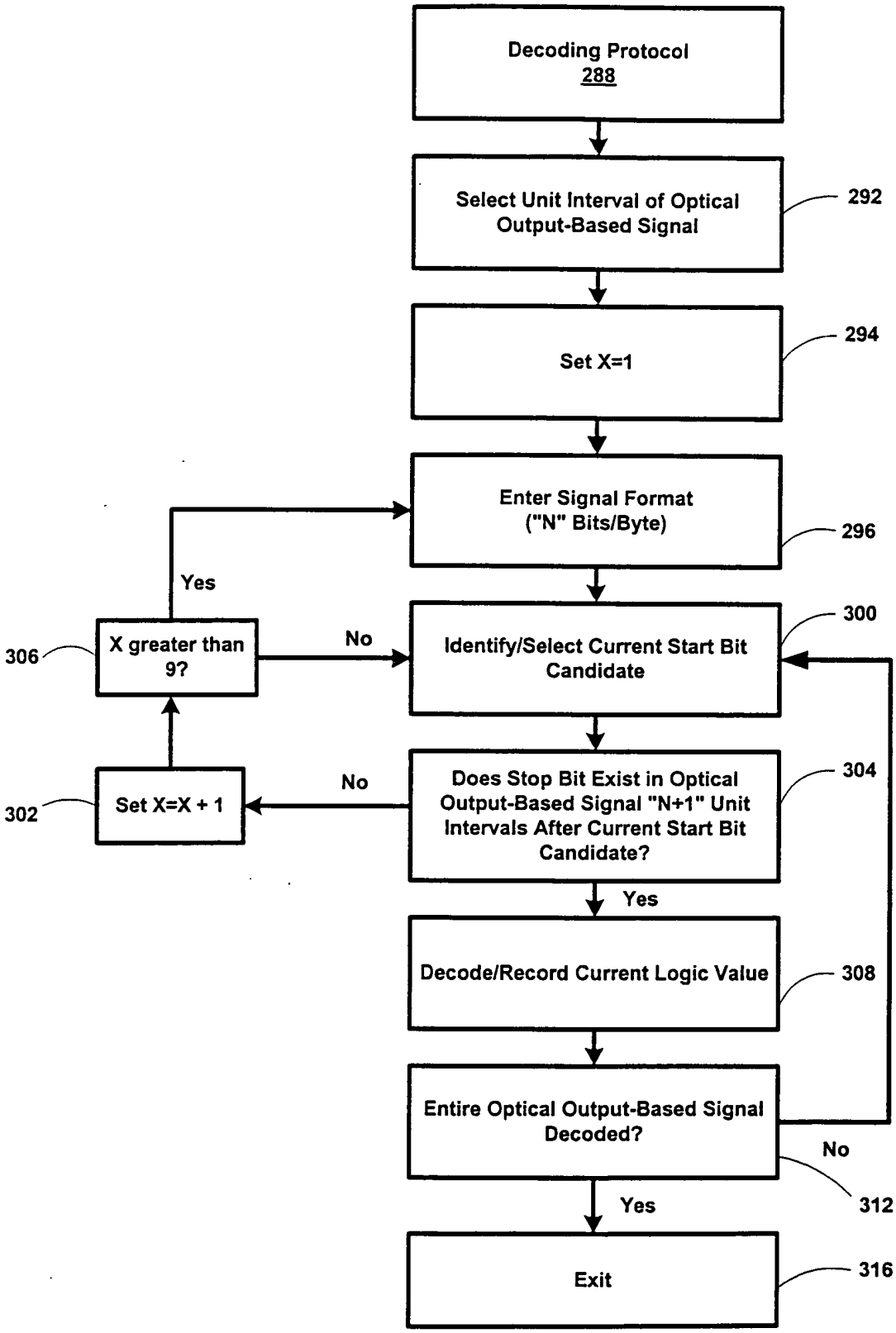
Decoding Protocol
288
Select Unit Interval of Optical Output-Based Signal
292
Set X=1
294
Enter Signal Format ("N" Bits/Byte)
296
Identify/Select Current Start Bit Candidate
300
Does Stop Bit Exist in Optical Output-Based Signal "N+1" Unit Intervals After Current Start Bit Candidate?
304
No
Yes
Decode/Record Current Logic Value
308
Entire Optical Output-Based Signal Decoded?
No
312
Yes
Exit
316
X greater than 9?
306
No
Yes
Set X=X + 1
302

Fig. 14B

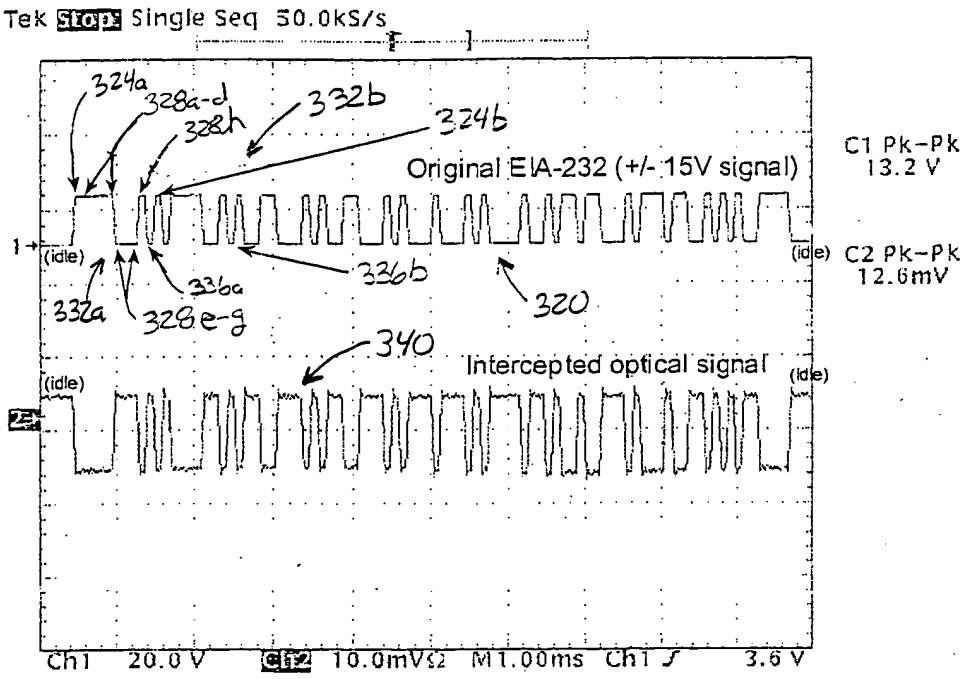

FIG. 15A

Character	In Binary	(reverse the bits)	Reversed and framed by start / stop bits
p	01010000	00001010	0000011101 — 368a
a	01100001	10000110	0100001101 — 368b
s	01110011	11001110	0110011101
s	01110011	11001110	0110011101
w	01110111	11101110	0111011101
o	01101111	11110110	0111101101
r	01110010	01001110	0010011101
d	01100100	00100110	0001001101
<return>	00001011	11010000	0110100001

360a
360b
332a
332b
364a
364b

FIG. 15B

20020128.0948 - 8948/0015

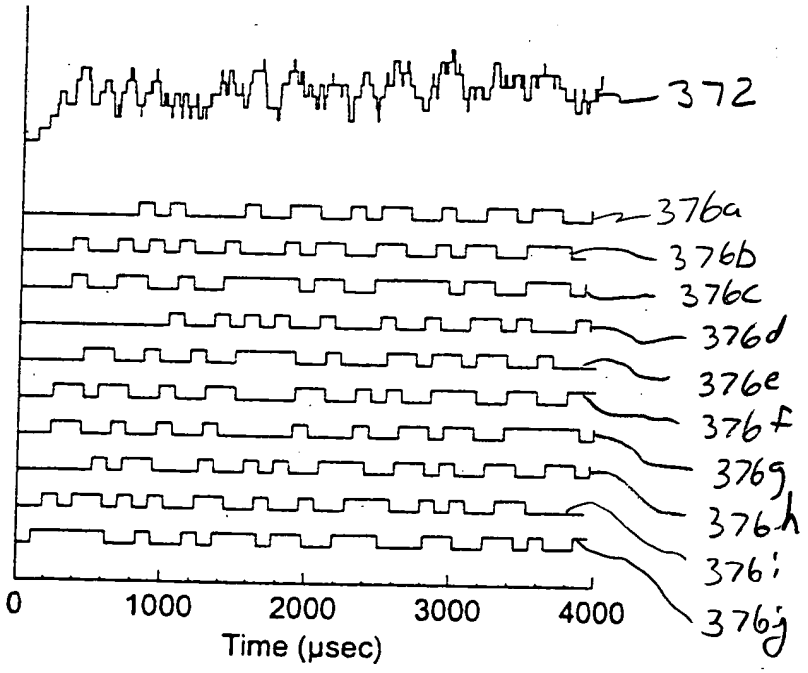

Fig. 16

Docket No. 2002-0248

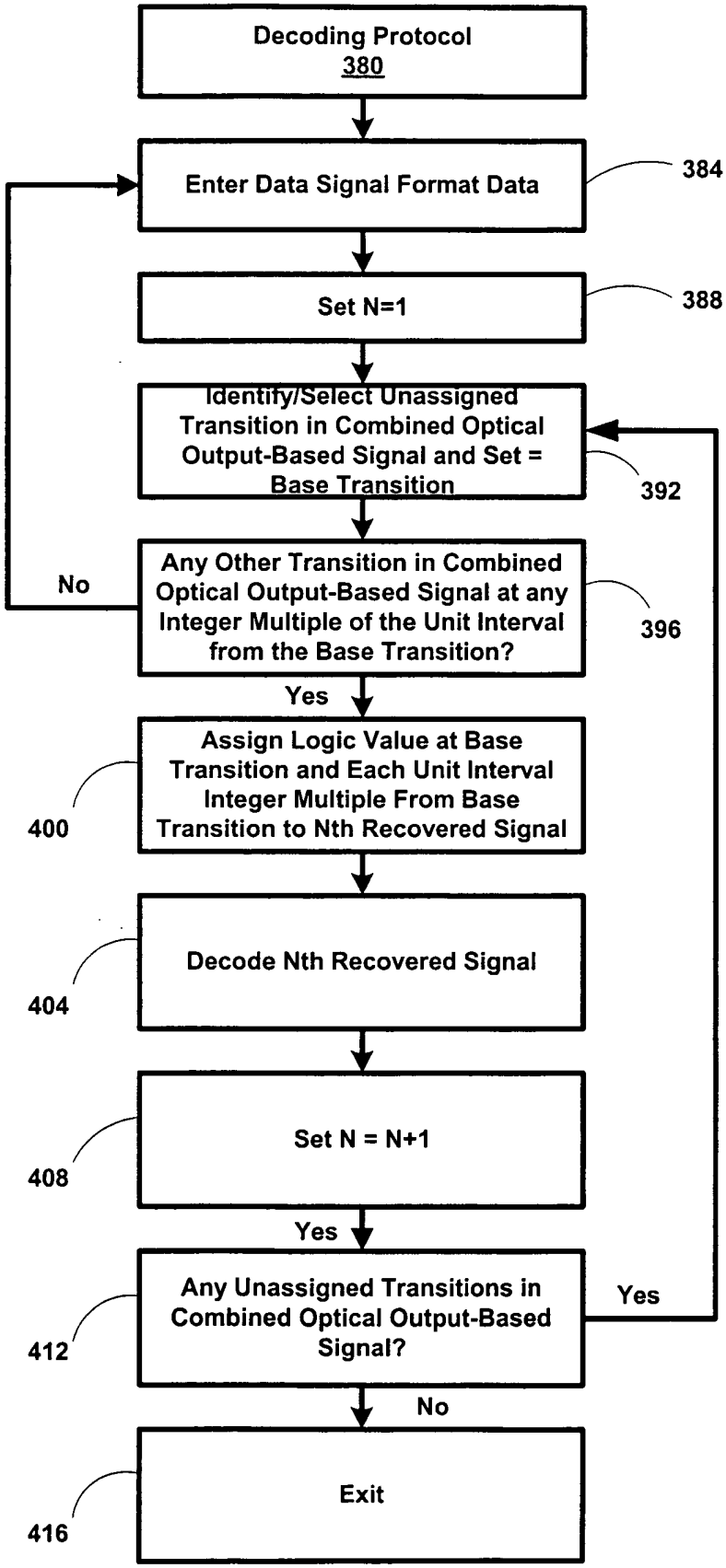

Fig. 17

Docket No. 84548.0074

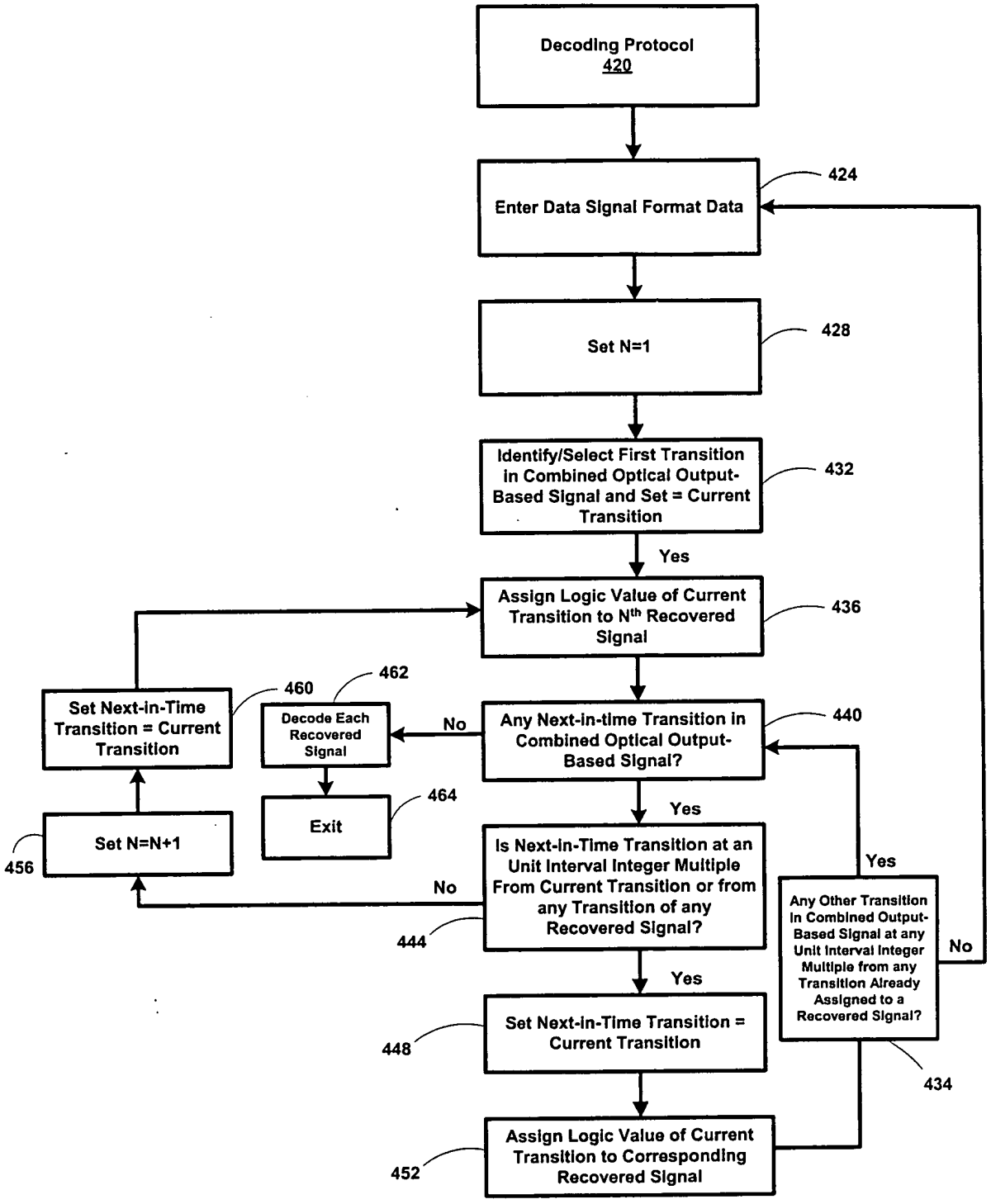

Fig. 18

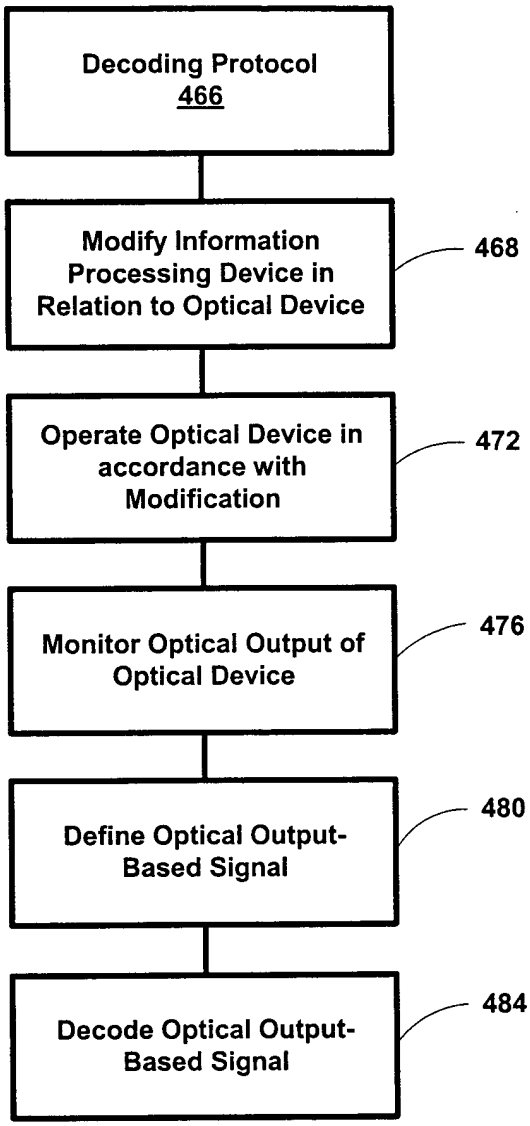
Decoding Protocol
466
Modify Information Processing Device in Relation to Optical Device
468
Operate Optical Device in accordance with Modification
472
Monitor Optical Output of Optical Device
476
Define Optical Output-Based Signal
480
Decode Optical Output-Based Signal
484

Fig. 19

Exhibit 1004, page 0048 of 0202

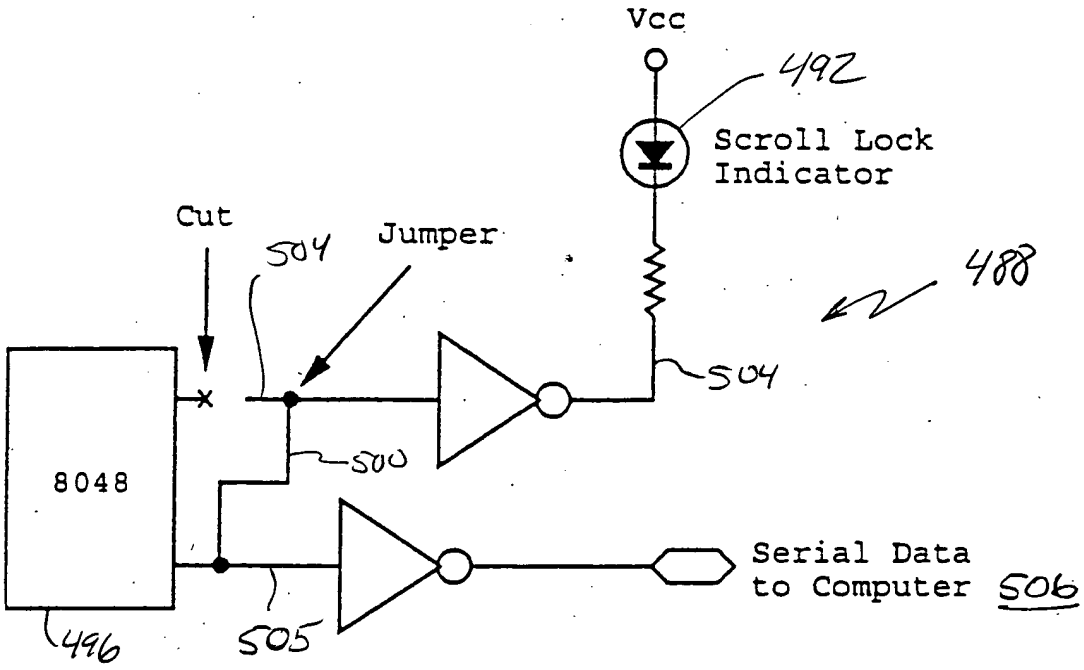

FIG. 20

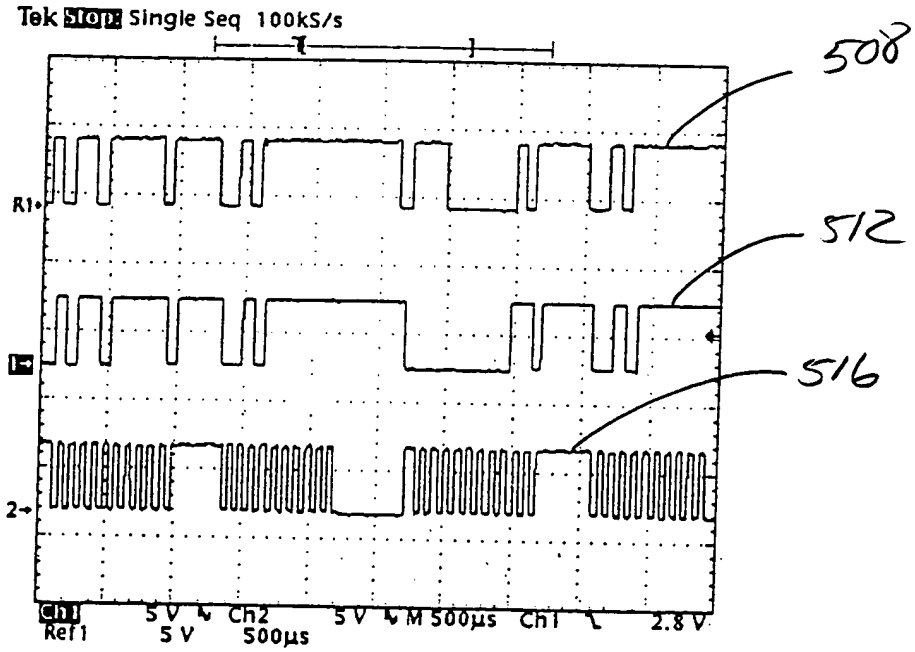

FIG. 21